Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

- 1-59. (Cancelled)
- 60. (New) A method of sialylating a saccharide group on a recombinant glycoprotein, the method comprising contacting a saccharide group which comprises a galactose or an N-acetylgalactosamine acceptor moiety on a recombinant glycoprotein with a sialic acid donor moiety and a recombinant bacterial sialyltransferase in a reaction mixture which provides reactants required for sialyltransferase activity for a sufficient time and under appropriate conditions to transfer sialic acid from said sialic acid donor moiety to said saccharide group.
- 61. The method of claim 60, wherein the bacterial sialyltransferase has an amino acid sequence which is at least 50% identical to an amino acid sequence of a *Photobacterium damsela* 2,6-sialyltransferase.
- 62. The method of claim 61, wherein the bacterial sialyltransferase is a *Photobacterium damsela* 2,6-sialyltransferase.
- 63. The method of claim 60, wherein the bacterial sialyltransferase has an amino acid sequence which is at least 50% identical to an amino acid sequence of a *Neisseria meningitidis* 2,3-sialyltransferase.
- 64. The method of claim 63, wherein the sialyltransferase is a *Neisseria* meningitidis 2,3-sialyltransferase.
- 65. The method of claim 60, wherein the bacterial sialyltransferase has an amino acid sequence which is at least 50% identical to an amino acid sequence of a *Campylobacter jejuni* 2,3-sialyltransferase.

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- 66. The method of claim 65, wherein the sialyltransferase is a *Campylobacter jejuni* 2,3-sialyltransferase.
- 67. The method of claim 60, wherein the bacterial sialyltransferase has an amino acid sequence which is at least 50% identical to an amino acid sequence of a *Haemophilus* 2,3-sialyltransferase.
- 68. The method of claim 67, wherein the sialyltransferase is a *Haemophilus* 2,3-sialyltransferase.
- 69. A method for in vitro sialylation of saccharide groups present on a glycoprotein, said method comprising contacting said saccharide groups with a recombinant bacterial sialyltransferase, a sialic acid donor moiety, and other reactants required for sialyltransferase activity for a sufficient time and under appropriate conditions to transfer sialic acid from said sialic acid donor moiety to said saccharide group, wherein said sialyltransferase is present at a concentration about 50 mU per mg of glycoprotein or less.
- 70. The method of claim 69, wherein the sialyltransferase is present at a concentration of between about 5-25 mU per mg of glycoprotein.
- 71. The method of claim 69, wherein the sialyltransferase is present at a concentration of between about 10-50 mU/ml of reaction mixture and the glycoprotein is present in the reaction mixture at a concentration of at least about 2 mg/ml.
- 72. The method of claim 69, wherein the method yields a glycoprotein having sialylation of at least about 80% of terminal galactose residues present on the saccharide groups.
- 73. The method of claim 69, wherein the bacterial sialyltransferase has an amino acid sequence which is at least 50% identical to an amino acid sequence of a *Neisseria meningitidis* 2,3-sialyltransferase.

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- 74. The method of claim 73, wherein the bacterial sialyltransferase is a *Neisseria meningitidis* 2,3-sialyltransferase.
- 75. The method of claim 69, wherein the bacterial sialyltransferase has an amino acid sequence which is at least 50% identical to an amino acid sequence of a *Photobacterium damsela* 2,6-sialyltransferase.
- 76. The method of claim 75, wherein the bacterial sialyltransferase is a *Photobacterium damsela* 2,6-sialyltransferase.
- 77. The method of claim 69, wherein the bacterial sialyltransferase has an amino acid sequence which is at least 50% identical to an amino acid sequence of a *Campylobacter jejuni* 2,3-sialyltransferase.
- 78. The method of claim 77, wherein the sialyltransferase is a *Campylobacter jejuni* 2,3-sialyltransferase.
- 79. The method of claim 69, wherein the bacterial sialyltransferase has an amino acid sequence which is at least 50% identical to an amino acid sequence of a *Haemophilus* 2,3-sialyltransferase.
- 80. The method of claim 79, wherein the sialyltransferase is a *Haemophilus* 2,3-sialyltransferase.
- 81. The method of claim 60 or claim 69, wherein the sialic acid donor moiety is CMP-sialic acid.
- 82. The method of claim 81, wherein the CMP-sialic acid is enzymatically generated *in situ*.
- 83. The method of claim 60 or claim 69, wherein the sialic acid is selected from the group consisting of NeuAc and NeuGc.